

Converting Colors

YUV(142.8550, -46.7635,
65.9022)

Have a look what the booklet for
YUV(142.8550, -46.7635, 65.9022)
contains.

YUV(142.8550, -46.7635, 65.9022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(142.8550, -46.7635,
65.9022)**

Conversions

Conversions Part 1

Format	Color
Hex	DA7B30
RGB	218, 123, 48
RGB Percent	85%, 48%, 19%
CMY	0.1451, 0.5176, 0.8118
CMYK	0.00, 0.44, 0.78, 0.15
HSL	26°, 70%, 52%
HSV	26°, 78%, 85%
XYZ	36.5299, 29.2847, 6.5235
YIQ	142.8550, 80.6950, -3.1850

Conversions

Conversions Part 2

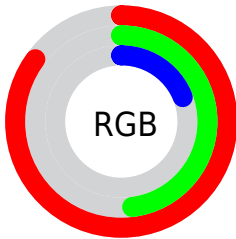
Format	Color
R_{YB}	218, 182, 48
Decimal	14318384
CIE _{Lab}	61.03, 31.49, 54.55
CIE _{LCh}	61, 62.993, 60.002
Yxy	29.2847, 0.5050, 0.4048
Android (android.graphics.Color)	4292508464 (0xFFDA7B30)
YUV	142.8550, -46.7635, 65.9022
Hunter-Lab	54.1154, 25.7922, 30.7335

Details

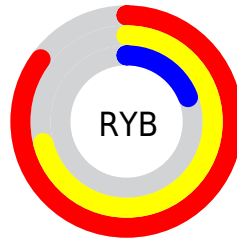
The YUV color **142.8550, -46.7635, 65.9022** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **123.1450, 46.7635, -65.9022**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8430, -45.2786, 56.2657**, and **89.7940, -44.2684, 58.9397** is the 20% darker color. If you saturate the color by 10%, you get **133.3030, -52.9004, 74.2793**, and if you desaturate by 10%, it is **152.4070, -40.6267, 57.5251**.

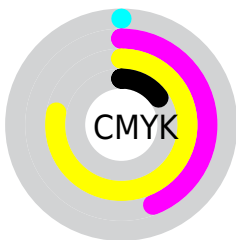
Distribution



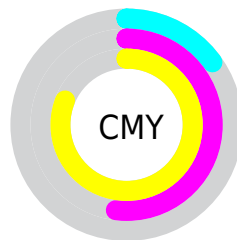
- Red (85%)
- Green (48%)
- Blue (19%)



- Red (85%)
- Yellow (71%)
- Blue (19%)



- Cyan (0%)
- Magenta (44%)
- Yellow (78%)
- Black (15%)



- Cyan (15%)
- Magenta (52%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.8550, -46.7635, 65.9022 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 142.8550, -46.7635, 65.9022 by changing the saturation by 10% instead.

142.8550,
-46.7635, 65.9022

142.8550,
-46.7635, 65.9022

255.0000, 0.0000,
0.0000

115.8330,
-46.7527, 62.4135

190.8430,
-45.2786, 56.2657

89.7940, -44.2684,
58.9397

210.2430,
-42.0248, 39.2519

67.0350, -33.0483,
53.4663

229.7570,
-38.3342, 22.1381

43.9770, -21.6807,
47.3782

246.4500,
-32.7599, 7.4983

20.9300, -10.3185,
43.0344

249.6420,
-20.5295, 4.6990

13.5690, -6.1965,
27.5650

252.8340, -8.2992,

0.0000, 0.0000,

1.8996

0.0000

■ 142.8550,
-46.7635, 65.9022

■ 142.8550,
-46.7635, 65.9022

■ 133.3030,
-52.9004, 74.2793

■ 152.4070,
-40.6267, 57.5251

■ 123.7510,
-59.0372, 82.6564

■ 161.9590,
-34.4898, 49.1480

■ 121.5340,
-59.9163, 84.6007

■ 171.9840,
-29.0791, 40.3560

■ 181.5360,
-22.9422, 31.9789

■ 191.0880,
-16.8054, 23.6018

■ 200.6400,
-10.6685, 15.2247

■ 210.1920, -4.5317,
6.8476

■ 219.6300, 1.1684,
-1.4295

■ 229.7690, 7.0159,
-10.3214

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



143.0730, -23.7000, 88.5130



142.8550, -46.7635, 65.9022



139.1500, -61.2060, 31.4404

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



142.8550, -46.7635, 65.9022



118.1950, 13.7079, -103.6570



148.9540, 46.8577, -2.5907

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



142.8550, -46.7635, 65.9022



123.1450, 46.7635, -65.9022

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



119.4680, 66.8173, -104.7734



142.8550, -46.7635, 65.9022



124.5790, 38.1686, -109.2558

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



142.8550, -46.7635, 65.9022



114.4320, -12.5380, -85.4479



125.7310, 57.8136, -110.2661



150.6380, 26.3075, 55.5685

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



142.8550, -46.7635, 65.9022



136.3960, -54.4252, 3.1607



125.7310, 57.8136, -110.2661



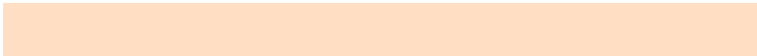
144.0970, 53.1962, -29.0261

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



142.8550, -46.7635, 65.9022



228.9030, -16.2212, 22.8871



109.7740, 16.8734, 94.9142



112.1560, -9.9369, 13.8952



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



142.8550, -46.7635, 65.9022



148.9820, -66.0531, 92.9778



192.1630, -71.0724, 22.6590



105.2240, -3.0684, 4.1886



96.9260, -47.7845, 66.7169



25.4940, -12.5685, 17.9838

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



123.1450, 46.7635, -65.9022



121.0180, 66.0531, -92.9778



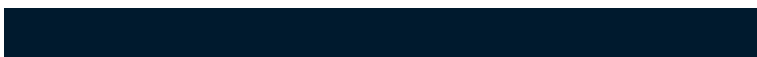
73.8370, 71.0724, -22.6590



103.7760, 3.0684, -4.1886



76.6610, 47.4951, -67.2317



20.5060, 12.5685, -17.9838

Previews

White Background



This preview shows how the YUV color 142.8550, -46.7635, 65.9022 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 142.8550, -46.7635, 65.9022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.8550, -46.7635, 65.9022

Background



This preview shows how black text looks on a background with the YUV color 142.8550, -46.7635, 65.9022.



This preview shows how white text looks on a background with the YUV color 142.8550, -46.7635, 65.9022.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

142.8550, -46.7635, 65.9022

Protanopia

142.4810, -43.1281, 19.7492

Deuteranopia

142.2830, -49.4395, 37.4628



Tritanopia

148.0190, -11.8414, 64.8813

Trichromacy



Original Color

142.8550, -46.7635, 65.9022

Protanomaly

142.5370, -44.6347, 36.3631

Deuteranomaly

142.5770, -48.5985, 47.7290

Tritanomaly

146.2890, -24.7925, 65.5215

Monochromacy



Original Color

142.8550, -46.7635, 65.9022

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.9740, -17.2422, 23.7018

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8550, -46.7635, 65.9022 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(218, 123, 48)` looks like.

```
.text, #text, p{  
    color:rgb(218, 123, 48)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(218, 123, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 123, 48) }
```

Border

The CSS property to change the border of an element to YUV 142.8550, -46.7635, 65.9022 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 123, 48) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(218, 123, 48) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(218, 123, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 123, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 123, 48);  
box-shadow:4px 4px 4px 4px rgb(218, 123,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 142.8550, -46.7635, 65.9022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 123, 48) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(218,  
123, 48) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor